

IN THE CLAIMS:

Please amend claim 20. The pending claims are as follows:

1. to 19. (Cancelled).

20. (Currently Amended) A method of manufacturing a radiation imaging apparatus comprising:

a plurality of imaging elements comprising each a plurality of pixels and an external terminal,

wherein a lead constituting the external terminal ~~is extend~~ extends to the side opposite to a light receiving surface ~~each~~ of the imaging element through a space between ~~[[the]]~~ adjacent imaging elements;

comprising the following steps ~~[[of;]]~~ of:

forming ~~[[the]]~~ a first planarization layer which covers said external terminal, on the light receiving surface and ~~covering~~;

forming ~~[[the]]~~ a second ~~planization~~ planarization layer on said first planarization layer; and

forming a substrate on which a scintillator is formed on said second planarization layer via ~~[[a]]~~ an adhesive layer.